



**State of Rhode Island and Providence Plantations  
Water Resources Board**  
100 North Main Street, 5<sup>th</sup> Floor  
Providence, RI 02903  
(401) 222-2217 ♦ FAX: (401) 222-4707

**MINUTES OF BOARD MEETING # 449**  
April 11, 2006

**Members Present:**

Daniel W. Varin, Chairman  
William Penn, V. Chairman  
Ian Morrison  
Frank Perry  
June Swallow\*  
Michael Walker\*  
Jon Schock  
William Stamp, III  
Alicia Good\*

**Members Absent:**

Robert Griffith

\*Member designee

**Staff Present:**

Juan Mariscal  
Kathleen Crawley  
Beverly O'Keefe  
William Riveroso  
Elaine Maguire  
Rob Christina  
Romeo Mendes  
Tracy Shields

**Guests:**

Evan Matthews, Quonset Development Corporation  
Geoffrey Marchant, EG CD Consortium—Shannock  
Donald LaBelle, Shannock Water District  
Eugenia Marks, Audubon Society  
Pasquale DeLise, BCWA  
Alan Silbovitz, Dewberry  
Meg Kerr, Rivers Council  
James Campbell, USGS  
Greg Granato, USGS

**1. CALL TO ORDER**

With a quorum present, Chairman Varin called the meeting to order at 12:07 PM.

**2. APPROVAL OF MINUTES:**

Mr. Perry moved approval of the minutes of the March meeting with a second by Mr. Stamp. This motion carried unanimously.

**3. CHAIRMAN'S REMARKS**

Chairman Varin reported that at the last meeting, positions on 4 legislative bills had been taken. He reported the Board's action on these 4 bills to the appropriate committee chairs. The Board supported the bills including: the elimination of methyl tertiary-butyl ether (MTBE) as a gasoline additive; eliminating the use of cesspools; and requiring dam inspections; it opposed the bill calling for the elimination of fluoride in drinking water.

The Chairman also noted that in the *Providence Sunday Journal* of April 9 the advertisement for the CFO had run. He added that he, Ms. Crawley and Mr. Mariscal had attended the State Properties Committee meeting and received approval to put out a request for proposals for office space.

Chairman Varin also welcomed our new Board member, Ian Morrison.

**4. GENERAL MANAGER'S REPORT**

Mr. Mariscal reported that there would be a number of presentations today. He, too, welcomed Mr. Morrison and noted the running of the CFO advertisement while noting that the supervising engineering position had been filled by Mr. Romeo Mendes and that Mr. Mendes would be a big help going forward.

He reported that the KCWA Commission had concluded, and added that a geologist from New Hampshire had reservations on bedrock wells and that report was now being awaited.

Mr. Mariscal noted that Earth Day was April 22 and noted the clean up occurring in the Big River Management Area. He stated that DEM was actively policing the area for ATV use, that 2 individuals had been given community service involving the clean up of the area. There was good press for the Management Area and enforcement of prohibitions.

The Big River Groundwater Development Project Ad Hoc Committee met on April 4 and reviewed the RFP for June 1, 2006. There will be 4 phases: 1) business plan/economic analysis, which details costs and revenues; 2) solicit engineer; 3) construction—either state or design/build; 4) evaluate and update statewide plan for water. This Committee is scheduled to meet again on May 1.

Ms. Good asked why wait on the statewide, and Mr. Schock explained that the current focus is on central RI. Mr. Mariscal added that it could be done parallel. To Ms. Good's question on what is included, Mr. Mariscal responded that this is what is being worked on now.

## **5. COMMITTEE REPORTS AND ACTION ITEMS RESULTING**

### **A. Public Drinking Water Protection Committee—Chair Robert Griffith**

#### **(1) Water Supply Systems Management Plans (WSSMP):**

##### **a. South Kingstown 30-Month Interim Report - Request for Approval**

Mr. Perry noted that this was a request for approval of South Kingstown's 30-month report. Mr. Perry moved approval with a second by Ms. Swallow, and the motion carried with Mr. Schock abstaining.

### **B. Property Committee—Chair Frank Perry**

Mr. Perry stated that this committee had not met.

### **C. Finance Committee—Chair William Penn**

#### **(1) Rivers Council Legislative Grant for \$52,000.00. Request for Approval of Agreement and Expenditure of Funds**

Mr. Penn moved approval with a second by Mr. Schock. With Mr. Stamp opposing and Mr. Walker abstaining, the motion carried.

#### **(2) RI Foundation Grant—Request for Acceptance for \$2,500.00**

Mr. Penn explained that this was the first review of expenditures by the Board of the Rivers Council. He emphasized this was a review and the Board was not superimposing its approval for Rivers Council approval. He moved approval with a second by Mr. Schock. Again with Mr. Stamp opposing and Mr. Walker abstaining, the motion carried.

### **D. Construction, Engineering and Operations Committee—Chair Jon Schock**

Mr. Schock stated this committee had not met.

### **E. Legislative Committee—Chair Daniel W. Varin**

Chairman Varin stated the following bills were under consideration by the membership:

S 2941

Relating to Public Drinking Water Supplies  
Recommendation – **Support**

Chairman Varin explained that this act would require cross-connection control devices to be installed on multiple user water systems according to a specific schedule. Ms. Swallow moved approval with a second by Mr. Perry and the motion carried unanimously.

S 2998

Resolution Regarding Public Drinking Water Supplies  
Recommendation – **Support**

Chairman Varin noted that this was a resolution respectfully requesting the Office of Drinking Water Quality to address the breaches in security affecting Rhode Island's drinking water supplies. Mr. Penn moved approval with a second by Mr. Schock, and with Ms. Swallow abstaining, the motion carried. Ms. Swallow noted for the record that this resolution was drawn in response to the Blackstone Water Supply contamination incident.

**F. Strategic Committee—Chair Daniel W. Varin**

Chairman Varin noted that this committee had not met.

**G. The “Big” Ad Hoc Committee—Chair Jon Schock**

Mr. Mariscal reported the actions of this committee under the General Manager's report.

**8. NEW BUSINESS**

**9. OTHER BUSINESS**

(1) Shad Factory Briefing—Pasquale DeLise, Executive Direct, Bristol County Water Authority.

Mr. Alan Silvbovitz from Dewberry Engineers made a presentation to the Board—a copy of which is attached.

(2) Shannock Water District

Messrs. Marchant and LaBelle explained that the Shannock water district needed additional water supply. It would be natural to go to land owners with aquifers; however, these owners are not interested in this situation. They are here to request assistance from the Board.

It was stated that Shannock has CBDG money—50 percent of which must be spent within 2 years of receipt. They also have USDA money to cover routing. They are worried since the money was received in April of 2005.

Mr. Mariscal explained that staff had met with Shannock and there were 2 proposed sites; one on Vacca Road and the other at Beaver River. Both have been evaluated by USGS. It is a question of timing. Well site No. 400 could be difficult to acquire since the owner is not receptive to selling. The other well site is located on property near a former solid and hazardous waste dump. Mr. Mariscal noted the Board's desire to work with Shannock, but wanted it understood that there are significant issues relating to these sites and it could take some time to complete our work. Mr. Mariscal added that staff would evaluate options to assist Shannock.

(3) Hunt-Annaquatucket-Pettaquamsett Aquifer

Mr. Campbell from USGS made this presentation and it was noted that no action would be taken today; however, it might require action being taken in May.

**10. RECESS OF BOARD FOR BOARD CORPORATE BUSINESS**

With no objection, Chairman Varin recessed the Board for Board Corporate business at 1:45 p.m.

**11. RETURN FROM BOARD CORPORATE BUSINESS**

At 2:03 p.m., the Board returned from Board Corporate business.

**12. ADJOURNMENT**

On a motion by Mr. Schock, seconded by Mr. Stamp, the Board unanimously voted to adjourn at 2:03 p.m.

Respectfully Submitted,

Tracy Shields  
Personnel Aide

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## Shad Factory Transmission Main

### ◆ Shad Factory Transmission Main

### ◆ Replacement Project

#### Project Tasks

- ◆ Kickoff
- ◆ Review Available Reports & Documentation
- ◆ Evaluate Pipeline Route
- ◆ Prepare Conceptual (15%) Design
- ◆ Project Site Visits
- ◆ Base Mapping/Field Survey
- ◆ Wetlands Flagging/Delineations
- ◆ Geotechnical Field Investigation
- ◆ Evaluate Construction Staging Areas
- ◆ Develop 30% Design Documents
- ◆ Develop 60% Design Documents
- ◆ Public Participation/Meetings
- ◆ Develop 100% Review Design Documents
- ◆ Prepare & Submit Permits
- ◆ Provide Final Documents



#### Project Status

- ◆ Kickoff
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#### Pipeline Alignment

#### Hydraulic Profile

#### Routing Challenges

- ◆ Connect of existing intake & proposed PS
- ◆ Box culvert crossing on Mason St. (72"x44")
- ◆ Corrugated metal culvert crossing on Mason St (10' Diameter)
- ◆ Rt. 195 crossing
- ◆ Traffic on state highways

- ◆ State highway drain system
- ◆ Connection to plant intake
- Shad Factory Pump Station
- Box Culvert Crossing
- Corrugated Metal Culvert
- Rt. 195 Crossing
- State Highway Traffic & Drainage
- Connection to Plant Intake
- Permitting
- ◆ Wetlands Permits
- ◆ MA and RI State Highway Permit
- ◆ MA Permit for Utility Installation in Bridge
- ◆ RIDEM
- ◆ Final Design Submittal RIDOH
- ◆ Street Opening Permits
- Rehoboth
- Swansea
- Warren
- What's Next
- ◆ Continue design to the 60% submittal
- ◆ Prepare and submit permitting
- ◆ Meet with town officials to:
- Develop relationships
- Address needs to proceed with project